

## AMENDMENTS UNDER ARTICLE 41

## What is claimed is:

1 1. (Deleted)

Sub Q2  
1 2. (Amended) A video signal reproduction device comprising:  
2 luminance signal reproduction means for reproducing a luminance  
3 signal from a recording medium;  
4 first color difference signal reproduction means for reproducing a first  
5 color difference signal from the recording medium;  
6 second color difference signal reproduction means for reproducing a  
7 second color difference signal from the recording medium;  
8 color signal encoding means for converting said first color difference  
9 signal output from said first color difference signal reproduction means and said  
10 second color difference signal output from said second color difference signal  
11 reproduction means into a carrier color signal;  
12 adding means for adding said luminance signal output from said  
13 luminance signal reproduction means and said carrier color signal output from said  
14 color signal encoding means, and outputting a composite video signal;  
15 a luminance signal output terminal;  
16 a first color difference signal output terminal; and  
17 a second color difference signal output terminal,  
18 wherein said luminance signal output terminal is used commonly as a  
19 composite video signal output terminal.

1 3. (Deleted)

Sub Q3  
1 4. (Amended) A video signal recording and reproduction device  
2 comprising:  
3 a first signal input terminal for inputting a luminance signal;  
4 a second signal input terminal for inputting a first color difference  
5 signal;  
6 a third signal input terminal for inputting a second color difference  
7 signal;  
8 YC separation means for separating and outputting another luminance  
9 signal and a carrier color signal from a composite video signal; and  
10 color difference decoding means for inputting said carrier color signal  
11 output from said YC separation means, and decoding and outputting another first  
12 color difference signal and another second color difference signal;  
13 first switching means for inputting said luminance signal input from  
14 said first signal input terminal and said another luminance signal output from said  
15 YC separation means, and outputting one of said signals input therein;

16 second switching means for inputting said first color difference signal  
17 input from said second signal input terminal and said another first color difference  
18 signal output by said color difference decoding means, and outputting one of said  
19 signals input therein;

20 third switching means for inputting said second color difference signal  
21 input from said third signal input terminal and said another second color difference  
22 signal output by said color difference decoding means, and outputting one of said  
23 signals input therein; and

24 signal switching control means for outputting a signal for switching  
25 outputs of said first switching means, said second switching means and said third  
26 switching means,

27 wherein one terminal among said first signal input terminal, said  
28 second signal input terminal and said third signal input terminal is used commonly  
29 as a composite video signal input terminal.

1 5. The video signal recording and reproduction device according to  
2 claim 4, further comprising switching means connected between said one terminal  
3 commonly used as a composite video signal input terminal and an input terminal of  
4 said YC separation means, for performing an ON/OFF operation according to said  
5 signal output by said signal switching control means.

1 6. The video signal recording and reproduction device according to  
2 claim 4, wherein said one terminal commonly used as a composite video signal  
3 input terminal is connected directly to an input terminal of said YC separation  
4 means.

1 7. (Amended) A video signal recording and reproduction device  
2 comprising:

3 a first signal input terminal for inputting a luminance signal;  
4 a second signal input terminal for inputting a first color difference  
5 signal;

6 a third signal input terminal for inputting a second color difference  
7 signal;

8 YC separation means for separating and outputting another luminance  
9 signal and a carrier color signal from a composite video signal; and

10 color difference decoding means for inputting said carrier color signal  
11 output from said YC separation means, and decoding and outputting another first  
12 color difference signal and another second color difference signal;

13 input signal switching means provided between one terminal  
14 commonly used as a composite video signal input terminal and an input terminal of  
15 said YC separation means;

16 switching means for inputting a component video signal input in said

17 one terminal commonly used as a composite video signal input terminal and one of  
18 an output signal of said YC separation means and an output signal of said color  
19 difference decoding means, and outputting one of the signals input therein; and  
20 signal switching control means for outputting a signal for switching  
21 said input signal switching means and said switching means,  
22 wherein said one terminal among said first signal input terminal, said  
23 second signal input terminal and said third signal input terminal is used commonly  
24 as a composite video signal input terminal.

1 8. (Amended) A video signal recording and reproduction device  
2 comprising:  
3 a first signal input terminal for inputting a luminance signal;  
4 a second signal input terminal for inputting a first color difference  
5 signal;  
6 a third signal input terminal for inputting a second color difference  
7 signal;  
8 YC separation means for separating another luminance signal and a  
9 carrier color signal from a composite video signal, and outputting said separated  
10 signals; and  
11 color difference decoding means for inputting said carrier color signal  
12 output by said YC separation means, and decoding and outputting another first  
13 color difference signal and another second color difference signal;  
14 input signal switching means for outputting a signal input in one  
15 terminal commonly used as a composite video signal input terminal, to one of said  
16 YC separation means and video signal recording means; and  
17 signal switching control means for outputting a signal for switching  
18 said input signal switching means,  
19 wherein said one terminal among said first signal input terminal, said  
20 second signal input terminal and said third signal input terminal is used commonly  
21 as a composite video signal input terminal.

1 9. The video signal reproduction device according to claim 2, further  
2 comprising:  
3 switching means for inputting an output of said adding means and an  
4 output signal from among said luminance signal reproduction means, said first color  
5 difference signal reproduction means and said second color difference signal  
6 reproduction means, and outputting one of the signals input therein; and  
7 output signal switching control means for controlling said switching  
8 means.

1 10. The video signal reproduction device according to claim 2, further  
2 comprising:

3 switching means provided between an output terminal of said color  
4 signal encoding means and an input terminal of said adding means for determining  
5 whether to add or not to add the carrier color signal of said color signal encoding  
6 means; and  
7 output signal switching control means for controlling said switching  
8 means.

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1 11. The video signal reproduction device according to claim 2, further  
2 comprising:

3 first switching means provided between an output terminal of said first  
4 color difference signal reproduction means and an input terminal of said color  
5 signal encoding means for turning on and off an output signal of said first color  
6 difference signal reproduction means;

7 second switching means provided between an output terminal of said  
8 second color difference signal reproduction means and an input terminal of said  
9 color signal encoding means for turning on and off an output signal of said second  
10 color difference signal reproduction means; and

11 output signal switching control means for controlling said switching  
12 means.

1 12. (Deleted)

1 13. The video signal reproduction device according to claim 2,  
2 further comprising means for controlling whether to add or not to add the  
3 carrier color signal output by said color signal encoding means.

**ORIGINALLY FILED CLAIMS**

**What is claimed is:**

1           1. A video signal recording and reproduction device capable of  
2     inputting a component video signal and a composite video signal, wherein one  
3     terminal among a plurality of terminals for inputting said component video signal is  
4     used commonly as a composite video signal input terminal.

1           2. A video signal recording and reproduction device capable of  
2     outputting a component video signal and a composite video signal, wherein one  
3     terminal among a plurality of terminals for outputting said component video signal  
4     is used commonly as a composite video signal output terminal.

1           3. A video signal recording and reproduction device capable of  
2     inputting and outputting a component video signal and a composite video signal,  
3     wherein one terminal among a plurality of terminals for inputting said component  
4     video signal is used commonly as a composite video signal input terminal, and one  
5     terminal among another plurality of terminals for outputting said component video  
6     signal is used commonly as a composite video signal output terminal.

1           4. The video signal recording and reproduction device according to  
2     claim 1, comprising:  
3           a first signal input terminal for inputting a luminance signal;  
4           a second signal input terminal for inputting a first color difference  
5     signal;

6 a third signal input terminal for inputting a second color difference  
7 signal;

8 a YC separation means for separating another luminance signal and a  
9 carrier color signal from a composite video signal, and outputting said separated  
10 signals;

11 a color difference decoding means for inputting said carrier color  
12 signal output by said YC separation means, and decoding and outputting another  
13 first color difference signal and another second color difference signal;

14 a first switching means for inputting said luminance signal input from  
15 said first signal input terminal and said another luminance signal output by said YC  
16 separation means, and outputting one of said signals input therein;

17 a second switching means for inputting said first color difference  
18 signal input from said second signal input terminal and said another first color  
19 difference signal output by said color difference decoding means, and outputting  
20 one of said signals input therein;

21 a third switching means for inputting said second color difference  
22 signal input from said third signal input terminal and said another second color  
23 difference signal output by said color difference decoding means, and outputting  
24 one of said signals input therein; and

25 a signal switching control means for outputting a signal for switching  
26 outputs of said first switching means, said second switching means and said third  
27 switching means,

28 wherein one terminal among said first signal input terminal, said  
29 second signal input terminal and said third signal input terminal is used commonly  
30 as a composite video signal input terminal.

1           5. The video signal recording and reproduction device according to  
2 claim 4, further comprising a switching means connected between said one terminal  
3 commonly used as a composite video signal input terminal and an input terminal of  
4 said YC separation means, for performing an ON/OFF operation according to said  
5 signal output by said signal switching control means.

1           6. The video signal recording and reproduction device according to  
2 claim 4, wherein said one terminal commonly used as a composite video signal  
3 input terminal is connected directly to an input terminal of said YC separation  
4 means.

1           7. The video signal recording and reproduction device according to  
2 claim 1, comprising:

3           a first signal input terminal for inputting a luminance signal;

4           a second signal input terminal for inputting a first color difference  
5 signal;

6           a third signal input terminal for inputting a second color difference  
7 signal;

8           a YC separation means for separating a composite video signal into  
9 another luminance signal and a carrier color signal, and outputting said separated  
10 signals;

11           a color difference decoding means for inputting said carrier color  
12 signal output by said YC separation means, and decoding and outputting another  
13 first color difference signal and another second color difference signal;

14 an input signal switching means provided between said one terminal  
15 commonly used as a composite video signal input terminal and an input terminal of  
16 said YC separation means;

17 a switching means for inputting a component video signal input in said  
18 one terminal commonly used as a composite video signal input terminal and one of  
19 an output signal of said YC separation means and an output signal of said color  
20 difference decoding means, and outputting one of the signals input therein; and

21 a signal switching control means for outputting a signal for switching  
22 said input signal switching means and said switching means,

23 wherein one terminal among said first signal input terminal, said  
24 second signal input terminal and said third signal input terminal is used commonly  
25 as a composite video signal input terminal.

1 8. The video signal recording and reproduction device according to  
2 claim 1, comprising:

3 a first signal input terminal for inputting a luminance signal;

4 a second signal input terminal for inputting a first color difference  
5 signal;

6 a third signal input terminal for inputting a second color difference  
7 signal;

8 a YC separation means for separating a composite video signal into  
9 another luminance signal and a carrier color signal, and outputting said separated  
10 signals;

11 a color difference decoding means for inputting said carrier color  
12 signal output by said YC separation means, and decoding and outputting another



13 first color difference signal and another second color difference signal;

14 an input signal switching means for selecting one, where a signal input  
15 in said one terminal commonly used as a composite video signal input terminal is  
16 output to, between said YC separation means and a video signal recording means;  
17 and

18 a signal switching control means for outputting a signal for switching  
19 said input signal switching means,

20 wherein one terminal among said first signal input terminal, said  
21 second signal input terminal and said third signal input terminal is used commonly  
22 as a composite video signal input terminal.

1 9. The video signal reproduction device according to claim 2,  
2 comprising:

3 a luminance signal reproduction means for reproducing a luminance  
4 signal from a recording medium;

5 a first color difference signal reproduction means for reproducing a  
6 first color difference signal from the recording medium;

7 a second color difference signal reproduction means for reproducing a  
8 second color difference signal from the recording medium;

9 a color signal encoding means for converting said first color difference  
10 signal output from said first color difference signal reproduction means and said  
11 second color difference signal output from said second color difference signal  
12 reproduction means into a carrier color signal;

13 an adding means for adding said luminance signal output of said  
14 luminance signal reproduction means and said carrier color signal of said color

15 signal encoding means, and outputting a composite video signal;  
16 a switching means for inputting an output of said adding means and an  
17 output signal from among said luminance signal reproduction means, said first color  
18 difference signal reproduction means and said second color difference signal  
19 reproduction means, and outputting one of the signals input therein;  
20 an output signal switching control means for controlling said  
21 switching means;  
22 a luminance signal output terminal;  
23 a first color difference signal output terminal; and  
24 a second color difference signal output terminal,  
25 wherein one terminal among said luminance signal output terminal,  
26 said first color difference signal output terminal and said second color difference  
27 signal output terminal is used commonly as a composite video signal output  
28 terminal.

1 10. The video signal reproduction device according to claim 2, further  
2 comprising:  
3 a luminance signal reproduction means for reproducing a luminance  
4 signal from a recording medium;  
5 a first color difference signal reproduction means for reproducing a  
6 first color difference signal from the recording medium;  
7 a second color difference signal reproduction means for reproducing a  
8 second color difference signal from the recording medium;  
9 a color signal encoding means for converting said first color difference  
10 signal output from said first color difference signal reproduction means and said

11 second color difference signal output from said second color difference signal  
12 reproduction means into a carrier color signal;

13 an adding means for adding said luminance signal output of said  
14 luminance signal reproduction means and said carrier color signal of said color  
15 signal encoding means, and outputting a composite video signal;

16 a switch means provided between an output terminal of said color  
17 signal encoding means and an input terminal of said adding means for determining  
18 whether to add or not to add the carrier color signal of said color signal encoding  
19 means;

20 an output signal switching control means for controlling said switch  
21 means;

22 a luminance signal output terminal;

23 a first color difference signal output terminal; and

24 a second color difference signal output terminal,

25 wherein said luminance signal output terminal is used commonly as a  
26 composite video signal output terminal.

1 11. The video signal reproduction device according to claim 2,  
2 comprising:

3 a luminance signal reproduction means for reproducing a luminance  
4 signal from a recording medium;

5 a first color difference signal reproduction means for reproducing a  
6 first color difference signal from the recording medium;

7 a second color difference signal reproduction means for reproducing a  
8 second color difference signal from the recording medium;

9 a color signal encoding means for converting said first color difference  
10 signal output from said first color difference signal reproduction means and said  
11 second color difference signal output from said second color difference signal  
12 reproduction means into a carrier color signal;

13 an adding means for adding said luminance signal output of said  
14 luminance signal reproduction means and said carrier color signal of said color  
15 signal encoding means, and outputting a composite video signal;

16 a first switch means provided between an output terminal of said first  
17 color difference signal reproduction means and an input terminal of said color  
18 signal encoding means, for turning on and off an output signal of said first color  
19 difference signal reproduction means;

20 a second switch means provided between an output terminal of said  
21 second color difference signal reproduction means and an input terminal of said  
22 color signal encoding means, for turning on and off an output signal of said second  
23 color difference signal reproduction means;

24 an output signal switching control means for controlling said switch  
25 means;

26 a luminance signal output terminal;

27 a first color difference signal output terminal; and

28 a second color difference signal output terminal,

29 wherein said luminance signal output terminal is used commonly as a  
30 composite video signal output terminal.

1 12. The video signal recording and reproduction device according to  
2 claim 3, comprising the video signal recording device as recited in one of claims 4

3 to 8, and the video signal reproduction device as recited in one of claims 9 to 11.